



Reliable and flexible

GreenPerform Batten G3 BN398C

GreenPerform batten BN398C is a cost competitive linear solution with good performance and multiple lumen output for retail and industry applications. It offers surface mount and suspension installations to cater for different mounting options. Its multiple optic designs accommodate different applications as well.

Benefits

- High system efficacy with better energy saving
- Multiple optics for different applications
- Connected for future proof

Features

- System efficiency up to 140lm/W
- Wide and batwing beams available to fit different lighting applications
- DALI and Interact are available for easy control

Application

- Food & large retail
- Warehouse
- Factory
- Indoor pubic area

Specifications

Mounting type	Suspended
	Ceiling
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Dimming	PSU
	PSD
	POE
	WIA

Material	Housing: SPCC
	Cover: PMMA
Main color of the luminaire	WH: RAL 9003
Lumen maintenance at median useful life	L70B50 50.000h
Luminous flux	2000lm~8700lm
Luminaire efficacy	Up to 150lm/W

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Correlated color temperature - CCT	4000K/6500K
Color Rendering index - 80	
CRI	
Beam angle	WB
Protection Class	Safety class I; Safety class III - POE
IEC61140	

Mechanical impact protection	IK03
Ingress protection	IP20
Overall length	600mm
	1200mm
	1500mm

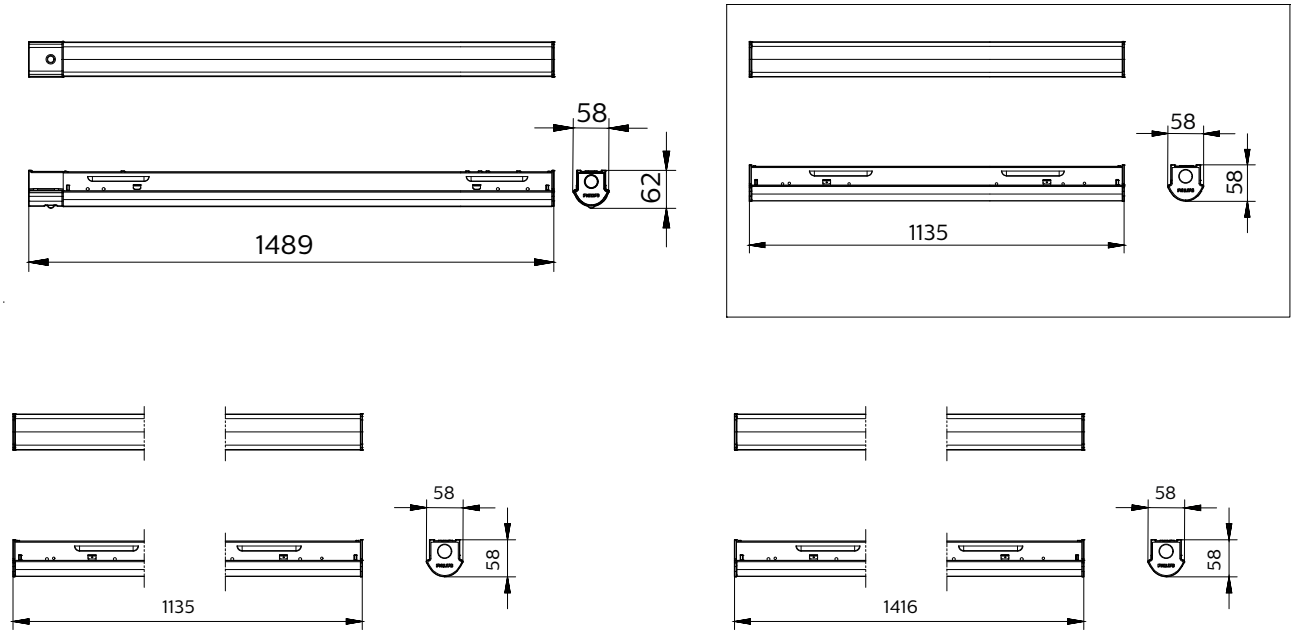
Versions

LED Lamps, LEDspotMV VLE D
3.5-25W, 4.3-50W PAR16 GU10

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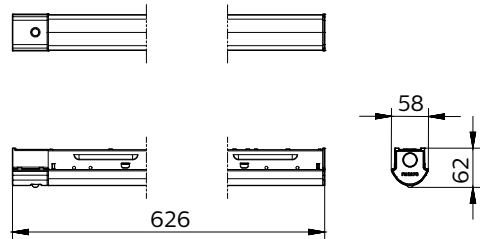
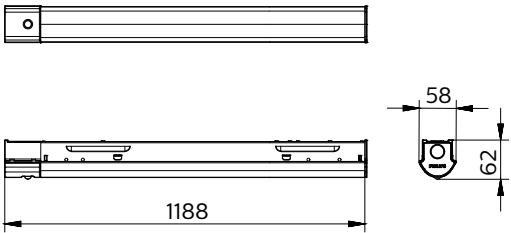
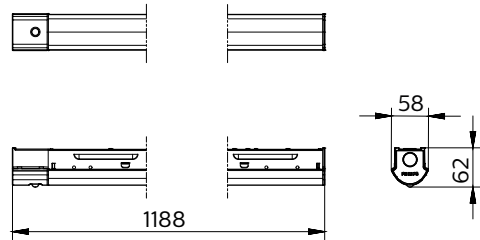
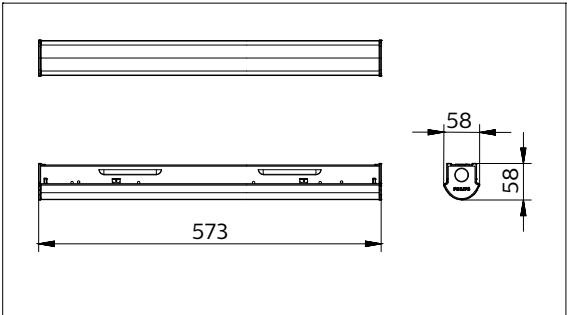
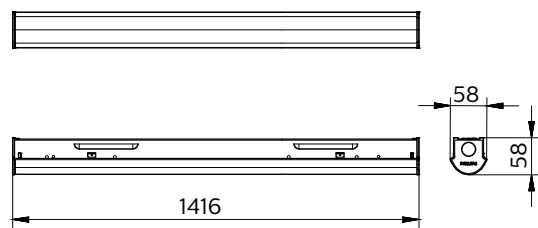


Dimensional drawing



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Dimensional drawing



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General Information	
Gear	-
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Mechanical and Housing	
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
CE mark	Yes
ENEC mark	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Driver included	Number of gear units
911401549002	BN398X LED69/840 L1200 L1 S OP	Yes	1 unit
911401549602	BN398X LED70/840 L1500 L1 S WB	Yes	1 unit
911401549702	BN398X LED70/865 L1500 L1 S WB	Yes	1 unit
911401549802	BN398X LED20/840 L600 L1 W OP	Yes	1 unit
911401549902	BN398X LED20/865 L600 L1 W OP	Yes	1 unit
911401550102	BN398X LED20/865 L600 L1 W WB	Yes	1 unit
911401550202	BN398X LED40/840 L1200 L1 W OP	Yes	1 unit
911401550302	BN398X LED40/865 L1200 L1 W OP	Yes	1 unit
911401550602	BN398X LED69/840 L1200 L1 W OP	Yes	1 unit
911401550802	BN398X LED70/840 L1500 L1 W OP	Yes	1 unit
911401564591	BN398X LED20/840 L600 L1 S OP	Yes	1 unit
911401564691	BN398X LED20/865 L600 L1 S OP	Yes	1 unit
911401564791	BN398X LED20/840 L600 L1 S WB	Yes	1 unit
911401564991	BN398X LED40/840 L1200 L1 S OP	Yes	1 unit
911401565091	BN398X LED40/865 L1200 L1 S OP	Yes	1 unit
911401565191	BN398X LED40/840 L1200 L1 S WB	Yes	1 unit
911401565291	BN398X LED40/865 L1200 L1 S WB	Yes	1 unit
911401583551	BN398C LED40/CW L1200 PSU OP	-	-
911401583951	BN398C LED87/CW L1500 PSU OP	-	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401549002	BN398X LED69/840 L1200 L1 S OP	- degree(s)	4000 K	≥80	138.77551020408163 lm/W
911401549602	BN398X LED70/840 L1500 L1 S WB	- degree(s)	4000 K	≥80	136.53846153846155 lm/W
911401549702	BN398X LED70/865 L1500 L1 S WB	- degree(s)	6500 K	≥80	136.53846153846155 lm/W
911401549802	BN398X LED20/840 L600 L1 W OP	- degree(s)	4000 K	≥80	146.66666666666666 lm/W
911401549902	BN398X LED20/865 L600 L1 W OP	- degree(s)	6500 K	≥80	146.66666666666666 lm/W
911401550102	BN398X LED20/865 L600 L1 W WB	- degree(s)	6500 K	≥80	148.14814814814815 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401550202	BN398X LED40/840 L1200 L1 W OP	- degree(s)	4000 K	≥80	142.30769230769232 lm/W
911401550302	BN398X LED40/865 L1200 L1 W OP	- degree(s)	6500 K	≥80	142.30769230769232 lm/W
911401550602	BN398X LED69/840 L1200 L1 W OP	- degree(s)	4000 K	≥80	138.77551020408163 lm/W
911401550802	BN398X LED70/840 L1500 L1 W OP	- degree(s)	4000 K	≥80	145.09803921568627 lm/W
911401564591	BN398X LED20/840 L600 L1 S OP	- degree(s)	4000 K	≥80	146.66666666666666 lm/W
911401564691	BN398X LED20/865 L600 L1 S OP	- degree(s)	6500 K	≥80	146.66666666666666 lm/W

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	Full	Beam	Correlated	Color	
	Product	angle of	Color	rendering	
Order Code	Name	light	Temperature	index	Luminous Efficacy
		source	(Nom)	(CRI)	(rated) (Nom)
911401564791	BN398X	-	4000 K	≥80	148.14814814814815
	LED20/840	degree(s)			lm/W
	L600 L1 S				
	WB				
911401564991	BN398X	-	4000 K	≥80	142.30769230769232
	LED40/840	degree(s)			lm/W
	L1200 L1 S				
	OP				
911401565091	BN398X	-	6500 K	≥80	142.30769230769232
	LED40/865	degree(s)			lm/W
	L1200 L1 S				
	OP				
911401565191	BN398X	-	4000 K	≥80	146.15384615384616
	LED40/840	degree(s)			lm/W

	Full	Beam	Correlated	Color	
	Product	angle of	Color	rendering	
Order Code	Name	light	Temperature	index	Luminous Efficacy
		source	(Nom)	(CRI)	(rated) (Nom)
	L1200 L1 S				
	WB				
911401565291	BN398X	-	6500 K	≥80	146.15384615384616
	LED40/865	degree(s)			lm/W
	L1200 L1 S				
	WB				
911401583551	BN398C	-	6500 K	>80	141 lm/W
	LED40/CW				
	L1200 PSU				
	OP				
911401583951	BN398C	-	6500 K	>80	140 lm/W
	LED87/CW				
	L1500 PSU				
	OP				

Light Technical (2/2)

			Number of	
Order Code	Full Product Name	Luminous Flux	light	Optic
			sources	type
911401549002	BN398X LED69/840 L1200 L1 S	6,800 lm	4	Opal
	OP			
911401549602	BN398X LED70/840 L1500 L1 S	7,100 lm	5	Opal
	WB			
911401549702	BN398X LED70/865 L1500 L1 S	7,100 lm	5	Opal
	WB			
911401549802	BN398X LED20/840 L600 L1 W	2,200 lm	2	Opal
	OP			
911401549902	BN398X LED20/865 L600 L1 W	2,200 lm	2	Opal
	OP			
911401550102	BN398X LED20/865 L600 L1 W	2,000 lm	2	Opal
	WB			
911401550202	BN398X LED40/840 L1200 L1	3,700 lm	4	Opal
	W OP			
911401550302	BN398X LED40/865 L1200 L1	3,700 lm	4	Opal
	W OP			
911401550602	BN398X LED69/840 L1200 L1	6,800 lm	4	Opal
	W OP			
911401550802	BN398X LED70/840 L1500 L1	7,400 lm	5	Opal
	W OP			

			Number of	
Order Code	Full Product Name	Luminous Flux	light	Optic
			sources	type
911401564591	BN398X LED20/840 L600 L1 S	2,200 lm	2	Opal
	OP			
911401564691	BN398X LED20/865 L600 L1 S	2,200 lm	2	Opal
	OP			
911401564791	BN398X LED20/840 L600 L1 S	2,000 lm	2	Opal
	WB			
911401564991	BN398X LED40/840 L1200 L1 S	3,700 lm	4	Opal
	OP			
911401565091	BN398X LED40/865 L1200 L1 S	3,700 lm	4	Opal
	OP			
911401565191	BN398X LED40/840 L1200 L1 S	3,800 lm	4	Opal
	WB			
911401565291	BN398X LED40/865 L1200 L1 S	3,800 lm	4	Opal
	WB			
911401583551	BN398C LED40/CW L1200 PSU	4,100 lm	-	-
	OP			
911401583951	BN398C LED87/CW L1500 PSU	8,600 lm	-	-
	OP			

Operating and Electrical

		Power	Suitable for
Order Code	Full Product Name	Consumption	random
			switching
911401549002	BN398X LED69/840 L1200 L1 S	49 W	Not applicable
	OP		

		Power	Suitable for
Order Code	Full Product Name	Consumption	random
			switching
911401549602	BN398X LED70/840 L1500 L1 S	52 W	Not applicable
	WB		

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Order Code	Full Product Name	Power		Suitable for random switching
		Consumption		
911401549702	BN398X LED70/865 L1500 L1 S WB	52 W		Not applicable
911401549802	BN398X LED20/840 L600 L1 W OP	15 W		Not applicable
911401549902	BN398X LED20/865 L600 L1 W OP	15 W		Not applicable
911401550102	BN398X LED20/865 L600 L1 W WB	13.5 W		Not applicable
911401550202	BN398X LED40/840 L1200 L1 W OP	26 W		Not applicable
911401550302	BN398X LED40/865 L1200 L1 W OP	26 W		Not applicable
911401550602	BN398X LED69/840 L1200 L1 W OP	49 W		Not applicable
911401550802	BN398X LED70/840 L1500 L1 W OP	51 W		Not applicable
911401564591	BN398X LED20/840 L600 L1 S OP	16.5 W		Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401549002	BN398X LED69/840 L1200 L1 S OP	No	20%
911401549602	BN398X LED70/840 L1500 L1 S WB	No	20%
911401549702	BN398X LED70/865 L1500 L1 S WB	No	20%
911401549802	BN398X LED20/840 L600 L1 W OP	Wireless Dim	20%
911401549902	BN398X LED20/865 L600 L1 W OP	Wireless Dim	20%
911401550102	BN398X LED20/865 L600 L1 W WB	Wireless Dim	20%
911401550202	BN398X LED40/840 L1200 L1 W OP	Wireless Dim	20%
911401550302	BN398X LED40/865 L1200 L1 W OP	Wireless Dim	20%
911401550602	BN398X LED69/840 L1200 L1 W OP	Wireless Dim	20%
911401550802	BN398X LED70/840 L1500 L1 W OP	Wireless Dim	20%

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Housing
			Color
911401549002	BN398X LED69/840 L1200 L1 S OP	Without lens	White
911401549602	BN398X LED70/840 L1500 L1 S WB	Without lens	White
911401549702	BN398X LED70/865 L1500 L1 S WB	Without lens	White
911401549802	BN398X LED20/840 L600 L1 W OP	Without lens	White
911401549902	BN398X LED20/865 L600 L1 W OP	Without lens	White
911401550102	BN398X LED20/865 L600 L1 W WB	Without lens	White

Order Code	Full Product Name	Power		Suitable for random switching
		Consumption		
911401564691	BN398X LED20/865 L600 L1 S OP	16.5 W		Not applicable
911401564791	BN398X LED20/840 L600 L1 S WB	14.85 W		Not applicable
911401564991	BN398X LED40/840 L1200 L1 S OP	28.6 W		Not applicable
911401565091	BN398X LED40/865 L1200 L1 S OP	28.6 W		Not applicable
911401565191	BN398X LED40/840 L1200 L1 S WB	26 W		Not applicable
911401565291	BN398X LED40/865 L1200 L1 S WB	26 W		Not applicable
911401583551	BN398C LED40/CW L1200 PSU OP	29 W		-
911401583951	BN398C LED87/CW L1500 PSU OP	61 W		-

Order Code	Full Product Name	Dimmable	Maximum dim level
911401564591	BN398X LED20/840 L600 L1 S OP	No	20%
911401564691	BN398X LED20/865 L600 L1 S OP	No	20%
911401564791	BN398X LED20/840 L600 L1 S WB	No	20%
911401564991	BN398X LED40/840 L1200 L1 S OP	No	20%
911401565091	BN398X LED40/865 L1200 L1 S OP	No	20%
911401565191	BN398X LED40/840 L1200 L1 S WB	No	20%
911401565291	BN398X LED40/865 L1200 L1 S WB	No	20%
911401583551	BN398C LED40/CW L1200 PSU OP	No	-
911401583951	BN398C LED87/CW L1500 PSU OP	No	-

Order Code	Full Product Name	Optical cover type	Housing
			Color
911401550202	BN398X LED40/840 L1200 L1 W OP	Without lens	White
911401550302	BN398X LED40/865 L1200 L1 W OP	Without lens	White
911401550602	BN398X LED69/840 L1200 L1 W OP	Without lens	White
911401550802	BN398X LED70/840 L1500 L1 W OP	Without lens	White
911401564591	BN398X LED20/840 L600 L1 S OP	Without lens	White
911401564691	BN398X LED20/865 L600 L1 S OP	Without lens	White
911401564791	BN398X LED20/840 L600 L1 S WB	Without lens	White

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Order Code	Full Product Name	Optical cover type	Housing
			Color
911401564991	BN398X LED40/840 L1200 L1 S OP	Without lens	White
911401565091	BN398X LED40/865 L1200 L1 S OP	Without lens	White
911401565191	BN398X LED40/840 L1200 L1 S WB	Without lens	White
911401565291	BN398X LED40/865 L1200 L1 S WB	Without lens	White

Order Code	Full Product Name	Optical cover type	Housing
			Color
911401583551	BN398C LED40/CW L1200 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583951	BN398C LED87/CW L1500 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Flammability mark	Glow-wire test
911401549002	BN398X LED69/840 L1200 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549602	BN398X LED70/840 L1500 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549702	BN398X LED70/865 L1500 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549802	BN398X LED20/840 L600 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401549902	BN398X LED20/865 L600 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550102	BN398X LED20/865 L600 L1 W WB	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550202	BN398X LED40/840 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550302	BN398X LED40/865 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550602	BN398X LED69/840 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550802	BN398X LED70/840 L1500 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Ambient temperature range	Flammability mark	Glow-wire test
911401564591	BN398X LED20/840 L600 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401564691	BN398X LED20/865 L600 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401564791	BN398X LED20/840 L600 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401564991	BN398X LED40/840 L1200 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401565091	BN398X LED40/865 L1200 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401565191	BN398X LED40/840 L1200 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401565291	BN398X LED40/865 L1200 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401583551	BN398C LED40/CW L1200 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583951	BN398C LED87/CW L1500 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401549002	BN398X LED69/840 L1200 L1 S OP	SDCM<21
911401549602	BN398X LED70/840 L1500 L1 S WB	SDCM<30

Order Code	Full Product Name	Initial chromaticity
911401549702	BN398X LED70/865 L1500 L1 S WB	SDCM<34
911401549802	BN398X LED20/840 L600 L1 W OP	SDCM<7

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Order Code	Full Product Name	Initial chromaticity
911401549902	BN398X LED20/865 L600 L1 W OP	SDCM<11
911401550102	BN398X LED20/865 L600 L1 W WB	SDCM<12
911401550202	BN398X LED40/840 L1200 L1 W OP	SDCM<15
911401550302	BN398X LED40/865 L1200 L1 W OP	SDCM<19
911401550602	BN398X LED69/840 L1200 L1 W OP	SDCM<23
911401550802	BN398X LED70/840 L1500 L1 W OP	SDCM<31
911401564591	BN398X LED20/840 L600 L1 S OP	SDCM<5
911401564691	BN398X LED20/865 L600 L1 S OP	SDCM<9

Order Code	Full Product Name	Initial chromaticity
911401564791	BN398X LED20/840 L600 L1 S WB	SDCM<6
911401564991	BN398X LED40/840 L1200 L1 S OP	SDCM<13
911401565091	BN398X LED40/865 L1200 L1 S OP	SDCM<17
911401565191	BN398X LED40/840 L1200 L1 S WB	SDCM<14
911401565291	BN398X LED40/865 L1200 L1 S WB	SDCM<18
911401583551	BN398C LED40/CW L1200 PSU OP	SDCM<5
911401583951	BN398C LED87/CW L1500 PSU OP	SDCM<5

